| Index | x of Claims |  |
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| Applica | tion/Control | No. |
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10/774,148

Examiner

Jamila O. Williams

Applicant(s)/Patent under Reexamination

DOHNER, CRAIG Art Unit

3722

| <b>→</b> | Rejected |
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| 11       | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| CI   | aim      | I        |             |           |              | Da       | te       |  |          |          |         | Cla      | aim          |                 |          | _        | D        | ate     |  |                     |               | [        | CI    | aim        |              |                 | _        |          | Date     | <br>e    |                    |          |          |
|--|----------|----------|-------------|-----------|--------------|----------|----------|--|----------|----------|---------|----------|--------------|-----------------|----------|----------|----------|---------|--|---------------------|---------------|----------|-------|------------|--------------|-----------------|----------|----------|----------|----------|--------------------|----------|----------|
| l _  | ेत्त .   | Ľ        |             |           |              |          |          |  |          | ٠        |         | _        | ल            |                 |          |          |          |         |  | 1                   |               |          |       | <u>~</u>   |              |                 |          |          |          |          |                    |          |          |
| Final  | Original | E        | 3           |           |              |          |          |  |          |          |         | Final    | Original     |                 |          |          |          |         |  |                     |               |          | Final | Original   |              |                 |          |          |          |          |                    |          |          |
| ίŪ   | Ğ        | 0        | \[          |           |              |          |          |  |          |          |         | 证        | <del> </del> |                 |          | - 1      | - 1      | ı       |  |                     |               |          | ίĒ    | ij         | l            |                 |          |          |          |          |                    |          |          |
| <u> </u>   |          | 上        | ` _         | _         | 1            | 1        | _        | Ш  | Ц        | _        |         |          | <u> </u>     | L.              |          |          |          | $\perp$ |  | Ш                   | _             |          |       |            |              | Ш               |          |          |          |          |                    |          |          |
|  | 1        | 7        | 1           | _         | 4            | 4        | 1_       | Ш  |          |          |         |          | 51           |                 | Ш        |          | $\perp$  |         |  |                     | _             |          |       | 101        | L            | $\Box$          |          |          |          |          |                    |          |          |
|  | 2        | Ц        | 1           | _         | $\perp$      | _        | ļ        | 1_1  | $\perp$  | _        |         |          | 52           |                 |          |          |          | _       |  |                     |               |          |       | 102        | L            |                 |          |          |          |          |                    |          |          |
|  | 3        | Ц        | 4           | $\bot$    | $\bot$       | 4_       | ↓_       | _  | _        |          |         |          | 53           | L               |          | _        |          |         |  |                     | _             |          |       | 103        | L_           | Ш               | •        |          |          |          |                    |          |          |
| <u> </u>   | 4        | Ц        | Ц.          | 4         | 4            | 4        | ┺        | $\sqcup$                                     |          |          |         | L        | 54           | ļ.,             |          | _        | _        |         |  | Ш                   |               |          |       | 104        |              | Ш               |          |          |          |          |                    |          |          |
|  | 5        | H        | Н-          | 4         | +            | $\bot$   | _        | <u>                                     </u> | _        | _        |         |          | 55           |                 |          | _        | 4        | _       | -  |                     | _             | L        |       | 105        | <u> </u>     | Ш               |          |          |          |          | $\Box$             |          |          |
|  | 6        | ╀        | ╙           | +         | +            | +        | $\perp$  |  | _        | _        |         |          | _56          |                 | Ш        | 4        |          | _       | _  | Ш                   | _ ::          | L        |       | 106        | L            | Ш               |          | Щ        |          |          |                    |          |          |
| <u> </u>   | 7        | L        | Щ.          | +         | -            | _        | ↓_       | $\vdash$                                     | _        | _        |         |          | 57           |                 | _        | _        | _        | 4       |  | $\sqcup$            | <b>—</b>  !!! |          |       | 107        | <u> </u>     | Ш               |          |          |          |          |                    |          |          |
| <u> </u>   | 8        |          | <b>IJ</b> - | - -       | +            |          | ┼        |  | -        | _        |         |          | 58           |                 | _        | 4        | 4        | _ _     |  | $\sqcup$            | _ ::          | L        |       | 108        | L            | Ш               |          |          |          |          |                    |          | _        |
| -  | 9        |          | 4           | -         | +            | +        | ┼        | $\vdash$                                     | 4        | _        |         |          | 59           | <u> </u>        |          | _        | 4        | _ _     | 4  | $\sqcup$            | _             | Ļ        |       | 109        | <u> </u>     | $\sqcup$        |          |          |          |          |                    |          |          |
| <u> </u>   | 10       | V        | +           | +         | +            | 4-       | ↓        | $\vdash$                                     | _        | _        |         |          | 60           | <u> </u>        | $\dashv$ | 4        | 4        |         | _  | $\sqcup$            |               | Ļ        |       | 110        | ╙            | Ш               |          |          |          |          |                    |          | _        |
|  | 11       | ⊢        | +           | - -       | -            | 4-       | ┼-       | ╀  | -        | 긕        |         |          | 61           |                 | $\dashv$ | _        | _        |         | 1_   |                     |               | Ļ        |       | 111        | $oxed{oxed}$ | Ш               |          |          |          | Ш        |                    |          | _        |
|  | 12       | +        | +           | +         | +            | +        | -        | $\vdash \vdash$                              | $\dashv$ | -4       |         | <u> </u> | 62           | $\vdash$        | $\sqcup$ | _        | -        |         | ┼  | $\vdash \vdash$     | <b>—</b>  ::: | Ļ        |       | 112        | <u> </u>     | Ш               |          | Щ        |          | إسا      | _                  |          | _        |
|  | 13       | +        | +           | +         | +            | +        | $\vdash$ | $\vdash$                                     | -        | _        |         |          | 63           |                 | $\sqcup$ | 4        | $\dashv$ | $\bot$  |  |                     | _             | ļ        |       | 113        | <u> </u>     | $\sqcup$        |          | Щ        |          | <u> </u> | $\perp$            |          |          |
|  | 14       | $\vdash$ | +           | +         | +            | +        | -        | $\vdash \vdash$                              | $\dashv$ | 4        |         | <b> </b> | 64           | $\vdash$        |          | $\dashv$ | $\perp$  | $\bot$  |  | $\sqcup$            | <u> </u>      | Ļ        |       | 114        | <u> </u>     | Ш               |          | Щ        |          | Ш        |                    |          |          |
|  | 15       | ⊢        | +           | ╀         |              | +        | -        | $\vdash$                                     | -        | _        |         | _        | 65           |                 | -        | _        | _        |         |  | $\vdash$            |               | ij.      |       | 115        | <u> </u>     | Ш               |          |          | $\Box$   |          | _                  | _        | 4        |
| -  | 16       | $\vdash$ | +           | +         | +            | +        | -        | ⊢⊦   | $\dashv$ | _        |         |          | 66           | $\vdash$        | _        | 4        | 4        | 4       | 4-   |                     | _             | ļ        |       | 116        | <u> </u>     | Ш               |          | Ш        | _        |          | _                  |          | $\Box$   |
| <u> </u>   | 17       | ┝        | ╀           |           | +            | +-       | ┾        | $\vdash$                                     | $\dashv$ | -        |         |          | 67           | -               | -        | 4        |          | _       | 1  | $\vdash \downarrow$ | 4             | ŀ        |       | 117        | <u> </u>     |                 |          |          |          |          |                    |          |          |
| <u> </u>   | 18       | ┝        | +           | +-        | ╁            | ╄-       | ┼-       | $\vdash$                                     | $\dashv$ | $\dashv$ |         |          | 68           | _               | 4        | -1       | 4        | -       | $\perp$  |                     | 4             | L        |       | 118        |              | _               |          |          |          |          |                    |          |          |
| <u> </u>   | 19       | -        | +           | +         | +-           | +        | $\vdash$ |  | $\dashv$ | 4        |         |          | 69           | -               | $\dashv$ | _        | _        | 4       | $\perp$  | Ш                   | _             | L        |       | 119        |              | $\sqcup$        |          |          | $\Box$   |          |                    |          |          |
| -  | 20       | ┞        | +           | +         | +            | +        | ╄        | $\vdash$                                     | $\dashv$ | $\dashv$ |         |          | 70           |                 | -        | 4        | 4        | +       | $\bot$   | <del>-  </del>      |               | ŀ        |       | 120        | _            | $\sqcup$        |          |          | _        |          | _                  |          | _        |
| _  | 21       | ┞        | ╀           | +         | +            | +        | ╁        |  | $\dashv$ | _        |         |          | 71           |                 | _        | _        | 4        | _       |  | $\vdash \vdash$     |               | L        |       | 121        |              | $\sqcup$        | _        |          | _        |          | $\dashv$           | _        | _        |
| $\vdash$   | 22       | ⊢        | +           | +         | +            | +        | ╄        |  | _        | $\dashv$ |         |          | 72           | -               | 4        | 4        |          |         | _  | $\vdash \downarrow$ | -             | #L       |       | 122        | _            |                 | _        |          |          |          | 4                  | _        | _        |
|  | 23<br>24 | ⊢        | +           | +         | ╀            | +        | $\vdash$ | <del>  -  </del>                             | -        | -        |         |          | 73           |                 | $\dashv$ | $\dashv$ |          | - -     | +  |                     |               | :: _     |       | 123        | _            | $\sqcup$        |          |          | _        | _        | _                  | _        | _        |
|  | 25       | ⊢        | +           | ╀         | ╀            | ╀        | -        | $\vdash$                                     | $\dashv$ |          |         |          | 74           | $\vdash$        | -        | 4        | 4        |         | +  |                     |               | ii       |       | 124        | ļ            |                 | 4        |          | _        | _        | 4                  | _        | _        |
|  | 26       | ⊢        | ╀           | +         | ╀            | +        |          | -  | $\dashv$ | $\dashv$ |         |          | 75           | $\vdash$        | $\dashv$ | 4        | -        | +       | 1  | -                   | -             | ╠        |       | 125        | <u> </u>     |                 | _        |          | _        |          | 4                  | _        | ᆚ        |
|  | 27       | ⊢        | ╁           | ╫         | ┿            | +        |          |  | +        | $\dashv$ |         |          | 76<br>77     | $\vdash$        | $\dashv$ | $\dashv$ | -        | +       | 1-   | $\vdash$            |               | -        |       | 126        | <u> </u>     | $\sqcup$        | _        |          | _        |          | _                  | 4        |          |
| $\vdash$   | 28       | -        | ╫           | +         | ╁            | ╁        | -        | $\vdash$                                     | $\dashv$ | -        |         |          | 78           | $\vdash$        | +        | +        | +        | +-      | +  |                     |               | ⊪        |       | 127        | _            | $\vdash$        | $\dashv$ | $\dashv$ | [        | _        | 4                  | _        | _        |
| $\vdash$   | 29       | -        | ╆           | +-        | +            | +-       | +        | $\vdash$                                     | $\dashv$ |          |         |          |              | $\vdash\vdash$  | $\dashv$ | $\dashv$ | +        | +       |  | -                   |               | ŀ        |       | 128        | <u> </u>     | $\vdash$        |          | _        | _        | $\dashv$ | _                  | _        | _        |
| $\vdash$   | 30       | -        | +-          | ╁         | ╁            | +-       | +        | $\vdash$                                     | $\dashv$ | -        |         |          | 79<br>80     | Н               | -        | -        | +        | +       | +  | -                   | :::           | ŀ        |       | 129        | <u> </u>     |                 | _        | _        |          | _        | _                  | _        | _        |
| $\vdash$   | 31       | _        | ╁           | +         | +            | +        | -        | H  | -        | -        |         |          |              | $\vdash$        | -+       | +        | -        |         | +  | $\vdash$            | - ::          | ŀ        |       | 130        |              | $\sqcup$        | _        | _        | _        |          | 4                  | _4       | _        |
|  | 32       | ┝        | ╁           | ╁         | ╀            | ╁        | $\vdash$ | $\vdash$                                     | -+       | $\dashv$ |         |          | 81           | $\vdash$        | -        | +        | +        |         | +  |                     | -             | ŀ        |       | 131        |              | $\vdash$        | _        | $\dashv$ |          | _        | 4                  | _        | _        |
| Н  | 33       | ├        | ╁           | ┿         | +            | ╁        | Н        | -  | $\dashv$ | -        |         |          | 82<br>83     |                 | $\dashv$ | +        | +        | - -     | ╁╼╂  | -                   | -             | ŀ        |       | 132        | _            | $\dashv$        | _        | $\dashv$ |          |          | 4                  | -        | $\dashv$ |
|  | 34       | $\vdash$ | ╁           | ╁         | ╁╴           | +-       | Н        | $\vdash$                                     | $\dashv$ | -        |         |          | 84           | Н               | -+       | +        | +        | +       | +  |                     |               | ŀ        |       | 133        | _            | $\dashv$        | -        |          | _        | $\dashv$ | -                  |          | 4        |
| $\vdash$   | 35       | $\vdash$ | +           | ╁         | +-           | +-       | $\vdash$ | $\vdash$                                     | +        | $\dashv$ |         | _        | 85           | $\vdash$        | +        | +        |          | +       | +  |                     | -             | -        |       | 134        | <u> </u>     | $\vdash \vdash$ | $\dashv$ |          | $\dashv$ | _        | -                  | 4        | $\dashv$ |
| -  | 36       | $\vdash$ | +           | +         | ╁            | +-       | $\vdash$ | $\vdash \vdash$                              | +        | -        |         |          | 86           | $\vdash \vdash$ | -+       | +        | +        | +       | +  | -+                  | - :::         | ŀ        |       | 135        | -            | $\dashv$        | $\dashv$ |          | $\dashv$ | $\dashv$ | -                  | _        | $\dashv$ |
| $\vdash$   | 37       | $\vdash$ | t           | +         | +            | +-       | $\vdash$ | $\vdash$                                     | $\dashv$ | $\dashv$ |         |          | 87           | $\vdash$        | $\dashv$ | +        | +        | +       | +-   |                     | - :::         | H        |       | 136        | $\vdash$     | $\dashv$        | $\dashv$ | 4        | $\dashv$ | -        | -+                 | 4        | 4        |
| <del>                                     </del> | 38       | Ι        | +           | +         | +            | +        | ╁╌┤      | $\dashv$                                     | +        | - :      |         |          | 88           | $\vdash$        | +        | +        | +        | +       | +  | -                   | -             | $\vdash$ |       | 137        |              | $\dashv$        | $\dashv$ | $\dashv$ | -        |          | -                  | 4        | $\dashv$ |
| $\vdash$   | 39       | _        | ╁           | ╁         | +            | $\vdash$ | $\vdash$ | -  | +        | ╣        |         |          | 89           | $\vdash$        | +        | $\dashv$ | +        | +-      | ╁┤   | $\dashv$            |               | $\vdash$ |       | 138<br>139 | -            |                 | $\dashv$ | -        | -        | -        | $\dashv$           |          | $\dashv$ |
| $\vdash \dashv$                                  | 40       |          | +           | +         | +            | +        | $\vdash$ | $\dashv$                                     | $\dashv$ | $\dashv$ |         | -1       | 90           | $\vdash$        | +        | +        | +        | +       | +  | +                   | - :::         | H        | -+    | 140        |              | -               | $\dashv$ | $\dashv$ | -+       | +        | +                  | -        | $\dashv$ |
|  | 41       |          | 十           | +         | +-           | +        | $\vdash$ | $\dashv$                                     | $\dashv$ | $\dashv$ | H       | $\dashv$ | 91           | $\vdash$        | +        | -        | +        | +-      | ╂╌┤  | -+-                 |               | -        | -+    | 141        | -            |                 | $\dashv$ | $\dashv$ | -+       | $\dashv$ | +                  | -1       | 4        |
|  | 42       |          | +-          | +         | +-           | +        | $\vdash$ | $\dashv$                                     | $\dashv$ | $\dashv$ | ⊪ŀ      | $\dashv$ | 92           | -               | $\dashv$ | +        |          | +       | 1-1  | +                   |               | $\vdash$ | -     | 141        | $\vdash$     | +               | $\dashv$ | +        | $\dashv$ |          | +                  |          | $\dashv$ |
|  | 43       |          | $^{+}$      | †         | +            | +-       | $\vdash$ | -  | $\dashv$ | $\dashv$ | iii)    |          | 93           | -               | $\dashv$ | +        | +        | +       | <del>                                     </del> | $\dashv$            | -             | -        | -     | 143        | -            | $\dashv$        | -        | -        | $\dashv$ | -        | $\dashv$           | $\dashv$ | $\dashv$ |
|  | 44       | -        | +           | +         | +            | $\vdash$ | $\vdash$ | $\dashv$                                     | +        | $\dashv$ | ⊪       | -        | 94           | $\dashv$        | +        | +        | +        | +       | ╁╌┤  | +                   | -             | H        | -     | 144        |              | +               |          | -        | $\dashv$ | $\dashv$ | +                  | 4        | $\dashv$ |
|  | 45       | _        | T           | $\top$    | +            | $\vdash$ | $\vdash$ | $\dashv$                                     | -†-      | $\dashv$ | H       | -        | 95           | $\dashv$        | +        | +        | +        | +-      | +  | $\dashv$            |               | ⊩        | -     | 145        | $\dashv$     | $\dashv$        | $\dashv$ | -        | $\dashv$ | -        | +                  | +        | $\dashv$ |
|  | 46       | _        | T           | 1.        | $\vdash$     |          |          | +  | 十        | $\dashv$ | <b></b> | $\dashv$ | 96           | -               | +        | +        | +        | +       | 1-1  | $\dashv$            | -             | +        |       | 146        | $\dashv$     | $\dashv$        | $\dashv$ | $\dashv$ | +        | -        | +                  | +        | $\dashv$ |
|  | 47       | -        | T           | $\top$    | †            | $\top$   | H        | $\dashv$                                     | $\dashv$ | 1        | ⊪       | +        | 97           | $\dashv$        | +        | +        | +        | ╁       | +  | +                   | - :::         | -        |       | 147        | $\dashv$     | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | -+       | +                  | $\dashv$ | $\dashv$ |
|  | 48       |          | t           | +         |              | 1        | -        | $\dashv$                                     | $\dashv$ | $\dashv$ | iii l   | $\dashv$ | 98           | $\dashv$        | $\dashv$ | +        | +        | +       | H  | +                   | -             | $\vdash$ |       | 148        |              | $\dashv$        | $\dashv$ | -+       | -        | $\dashv$ | +                  | $\dashv$ | $\dashv$ |
|  | 49       |          | t           | $\dagger$ | 1            | 1        | $\vdash$ | $\dashv$                                     | 十        | -        | ::      | -        | 99           | -               | $\dashv$ | +        | +        | +       | $\vdash$   | $\dashv$            | -             | $\vdash$ |       | 149        | $\dashv$     | +               | $\dashv$ | -+       | +        | +        | +                  | 4        | $\dashv$ |
|  | 50       | _        | T           | +         | $^{\dagger}$ |          | H        | $\dashv$                                     | +        | ٦        | ıŀ      |          | 100          | $\dashv$        | $\dashv$ | +        | ╅        | +       | + +  | +                   | -             | H        |       | 150        |              | $\dashv$        | $\dashv$ | +        | $\dashv$ | +        | +                  | +        | $\dashv$ |
|  |          |          | 1           | Ь         | —            |          | щ        |  |          | ···      | L       |          | ,00          | _               |          |          |          |         | Щ.   |                     | _::::         | ۱.       |       | 100        |              |                 |          |          | $\perp$  |          | $oldsymbol{\perp}$ |          |          |